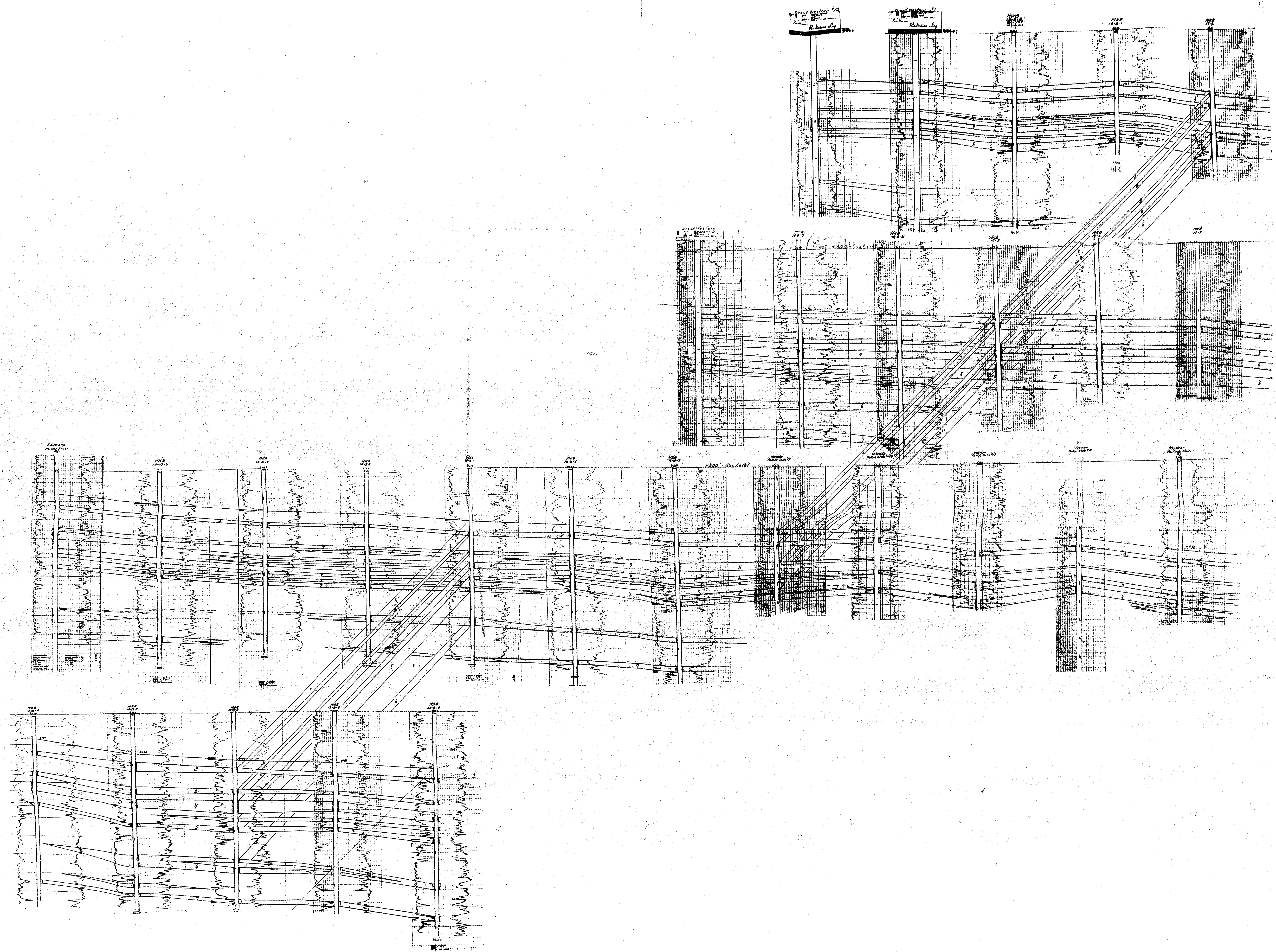
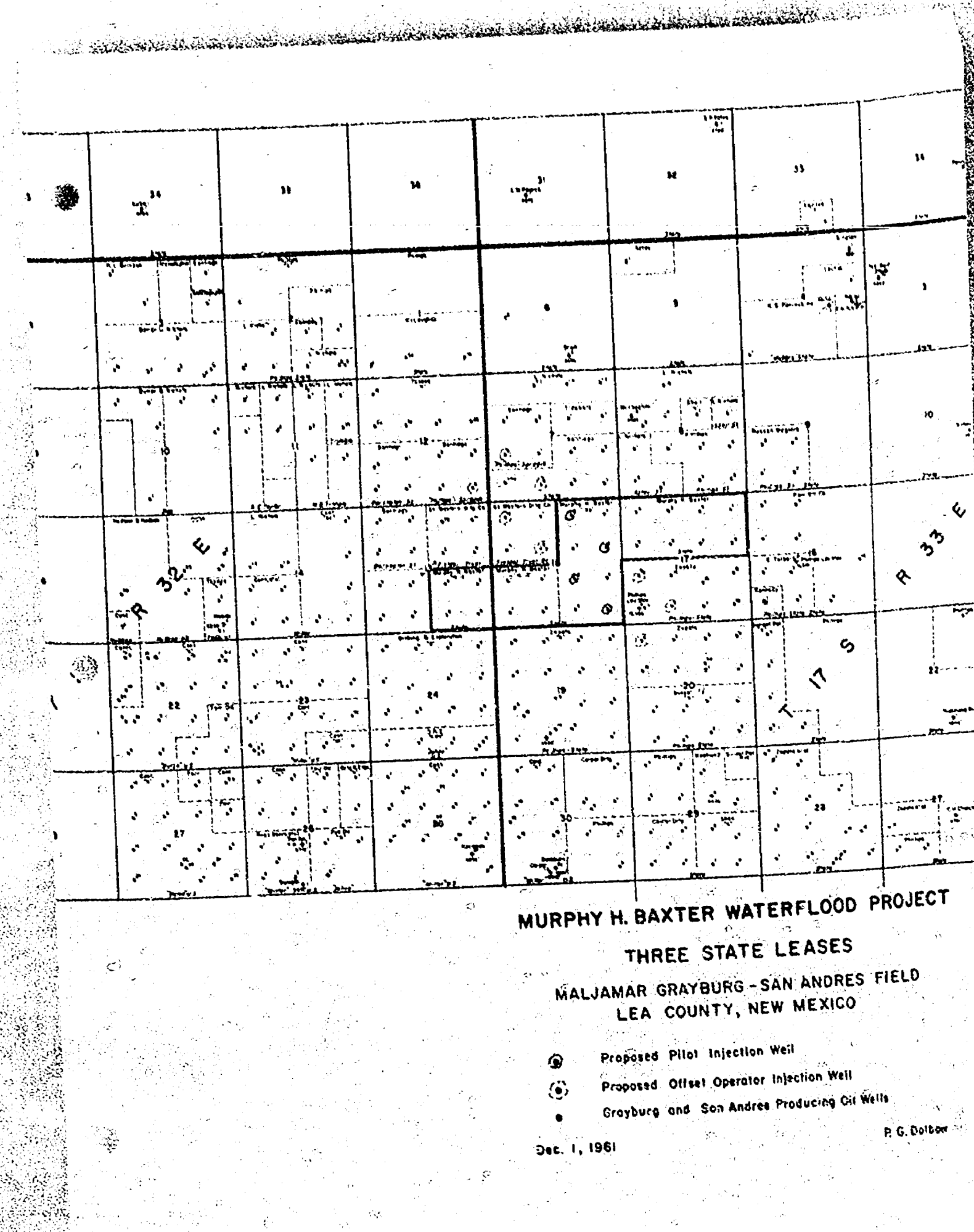


Case No.
2457
Large Exhibits



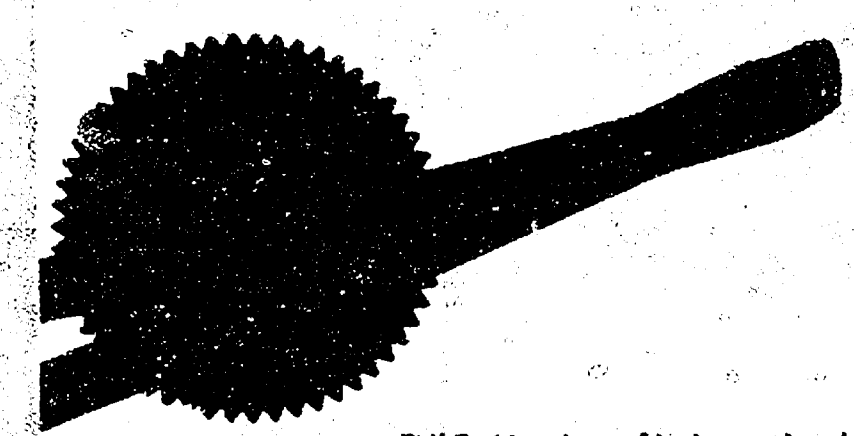




CERTIFICATE
NO. 2007

I hereby certify that I have carefully and thoroughly examined and searched the records of the office of Commissioner of Public Lands of the State of New Mexico and find that the beneficiary institution is Common Schools for the NE 1/4 of Section 17, and the SE 1/4 and SW 1/4 of Section 18, in Township 17 South, Range 33 East, N.M.P.M., and that title to this land passed to the State of New Mexico from the United States Government, in Clear List No. 21, approved on November 25, 1910, under the provisions of the Act of Congress approved June 20, 1910 (36 Stat., 557), in part satisfaction of its grant of 1,000,000 acres, in payment of Bonds issued by Santa Fe and Grant Counties, free from conflicts or other adverse claims of record and not mineral in character; that these bonds have been discharged; and that under the terms of the grant, the beneficiary institution has been changed to Common Schools:

THAT the beneficiary institution is Common Schools for the SE 1/4 of Section 13, Township 17 South, Range 32 East, N.M.P.M., and that title to this land passed to the State of New Mexico from the United States Government, in Clear List No. 111 of School Indemnity Land Selections, approved on May 31, 1910, as indemnity for losses to the grant for the support of Common Schools, made under the provisions of the Acts of Congress approved June 20, 1910 (36 Stat., 557), free from conflicts or other adverse claims of record and not mineral in character:



THAT the beneficiary institution is Common Schools for the SE 1/4 of Section 7, the SE 1/4 of Section 8, and the SW 1/4 of Section 9, in Township 17 South, Range 33 East, N.M.P.M., and for the NE 1/4 and SE 1/4 of Section 13, Township 17 South, Range 33 East, N.M.P.M., and that title to this land passed to the State of New Mexico from the United States Government, in Clear List No. 111 of School Indemnity Land Selections, approved on May 31, 1910, as shown above:

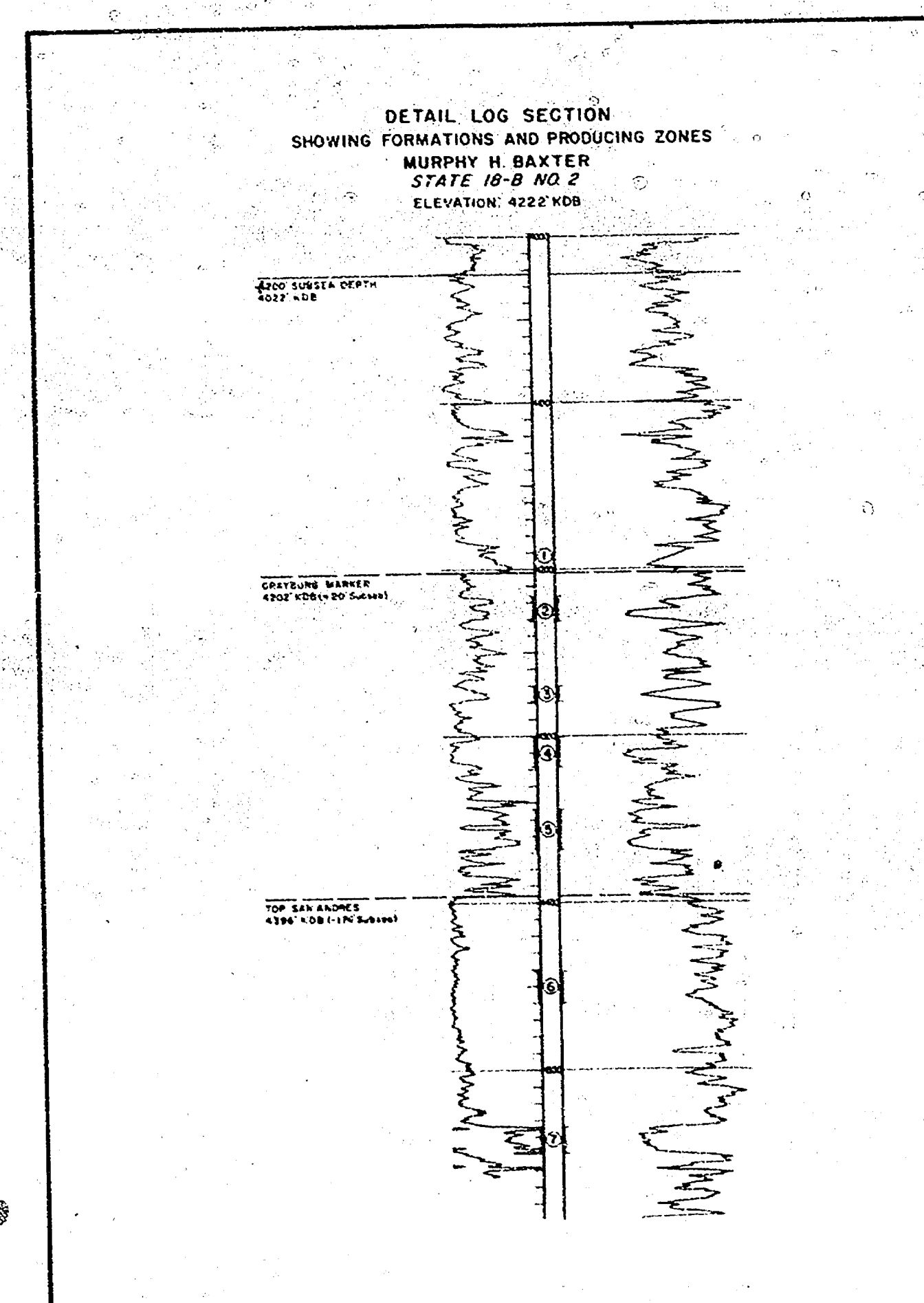
THAT the beneficiary institution is Common Schools for the SE 1/4 of Section 17, the NW 1/4 of Section 18, all of Section 19, and the NE 1/4 of Section 20, in Township 17 South, Range 33 East, N.M.P.M., and that title to this land passed to the State of New Mexico from the United States Government in Clear List No. 21, approved on November 25, 1910, in payment of Bonds issued by Santa Fe and Grant Counties, as shown above:

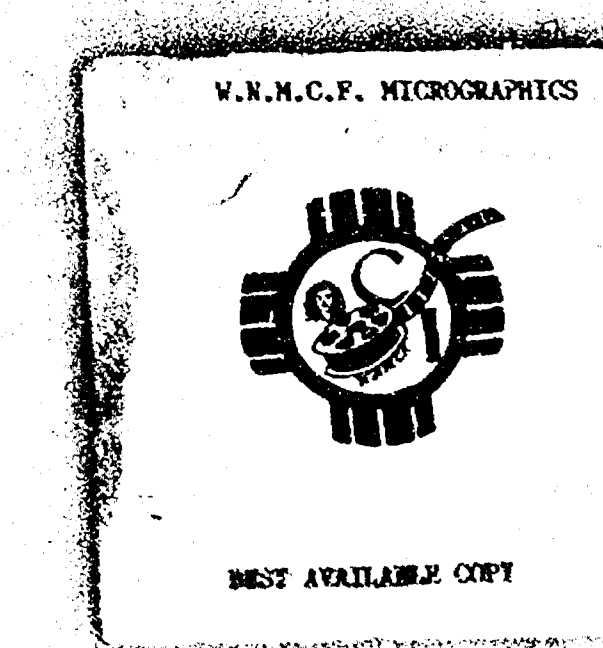
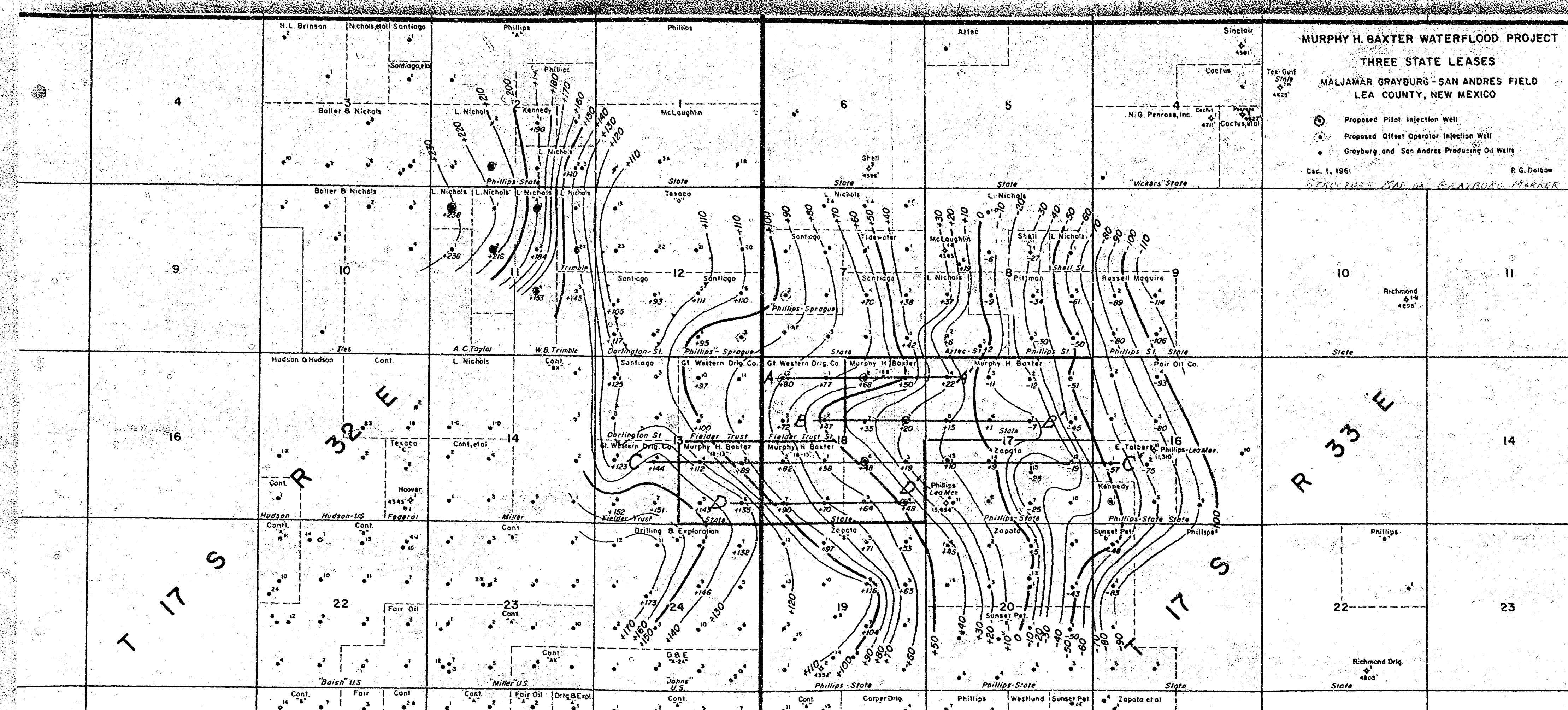
AND THAT the beneficiary institution is Common Schools for the NE 1/4 of Section 16, Township 17 South, Range 33 East, and title to this land is claimed by the State of New Mexico under the grant made to the Territory of New Mexico for common school purposes, by Act of Congress which was approved on June 21, 1898, and confirmed by United States Patent No. 1202899 to the State of New Mexico, dated December 31, 1909.

DATED at Santa Fe, New Mexico, this 4th day of December, 1961, at 4:00 o'clock p.m.

(Certificate is void if seal is broken.)

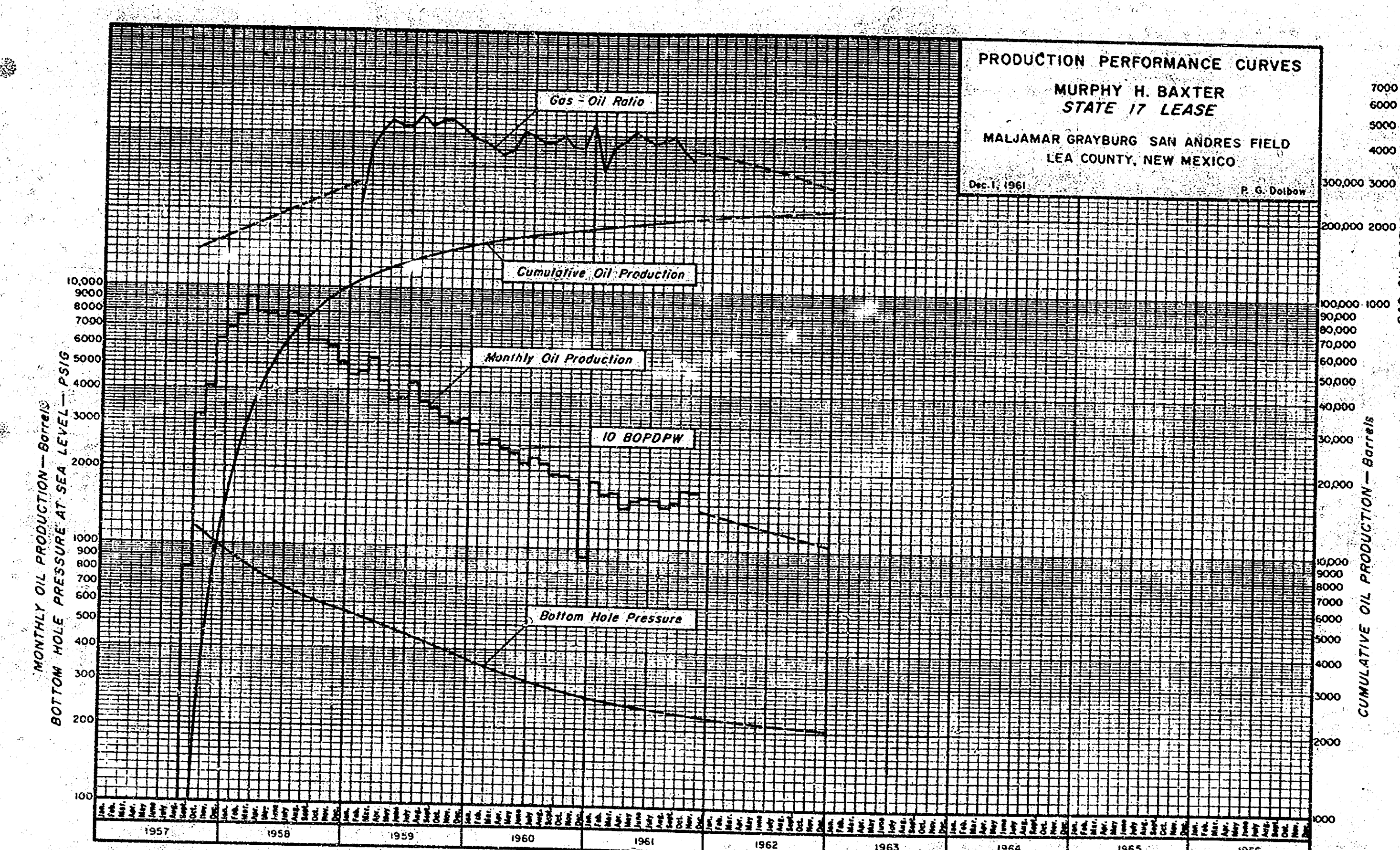
Lyb. J. J. J.
 Notary Public,
 State of New Mexico

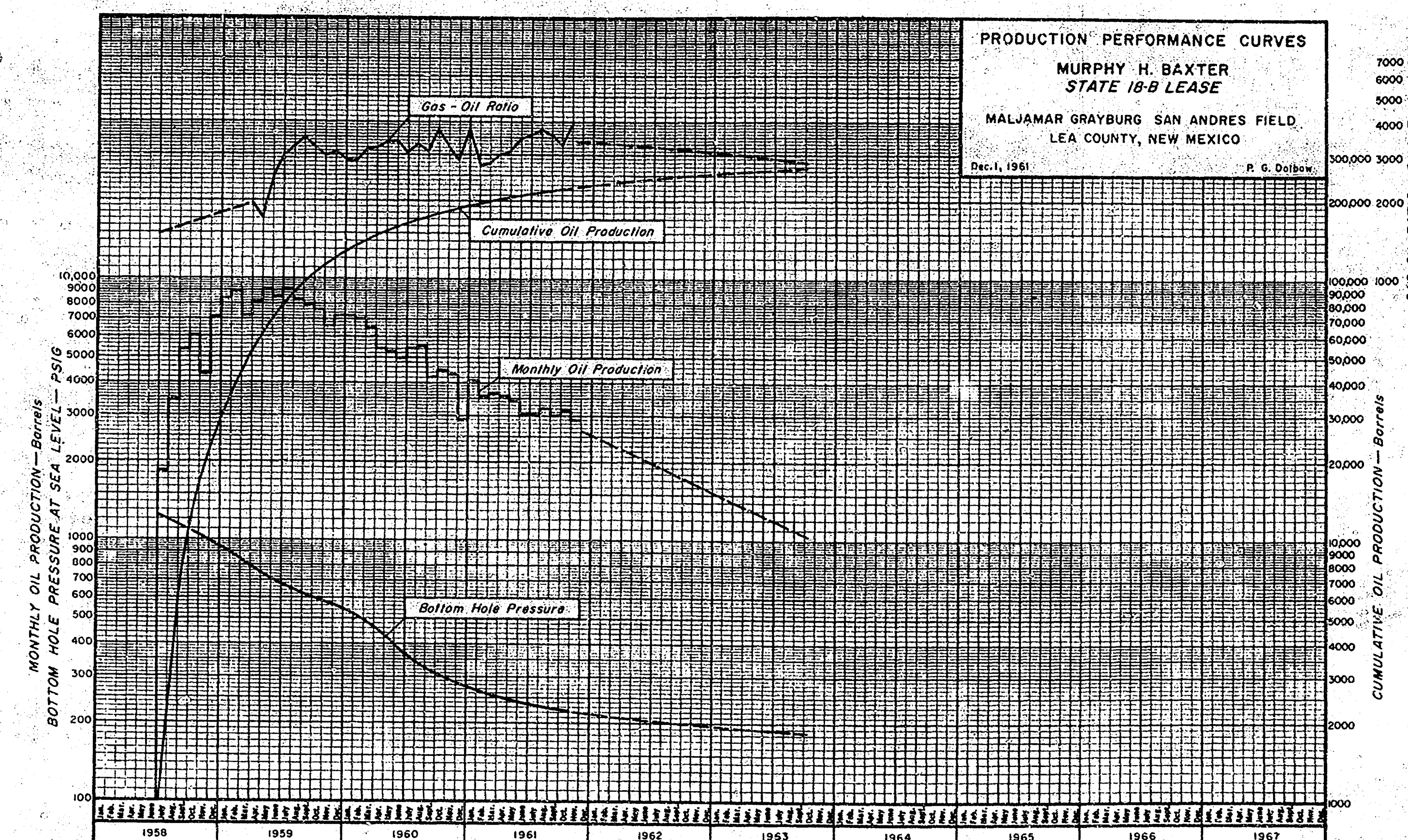


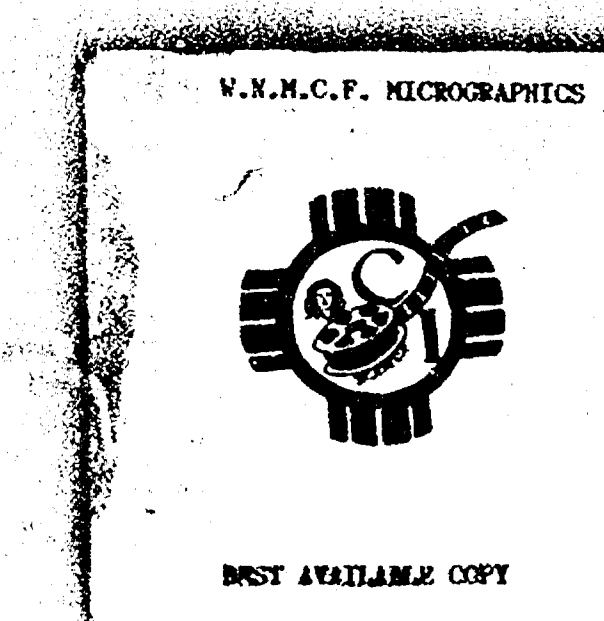
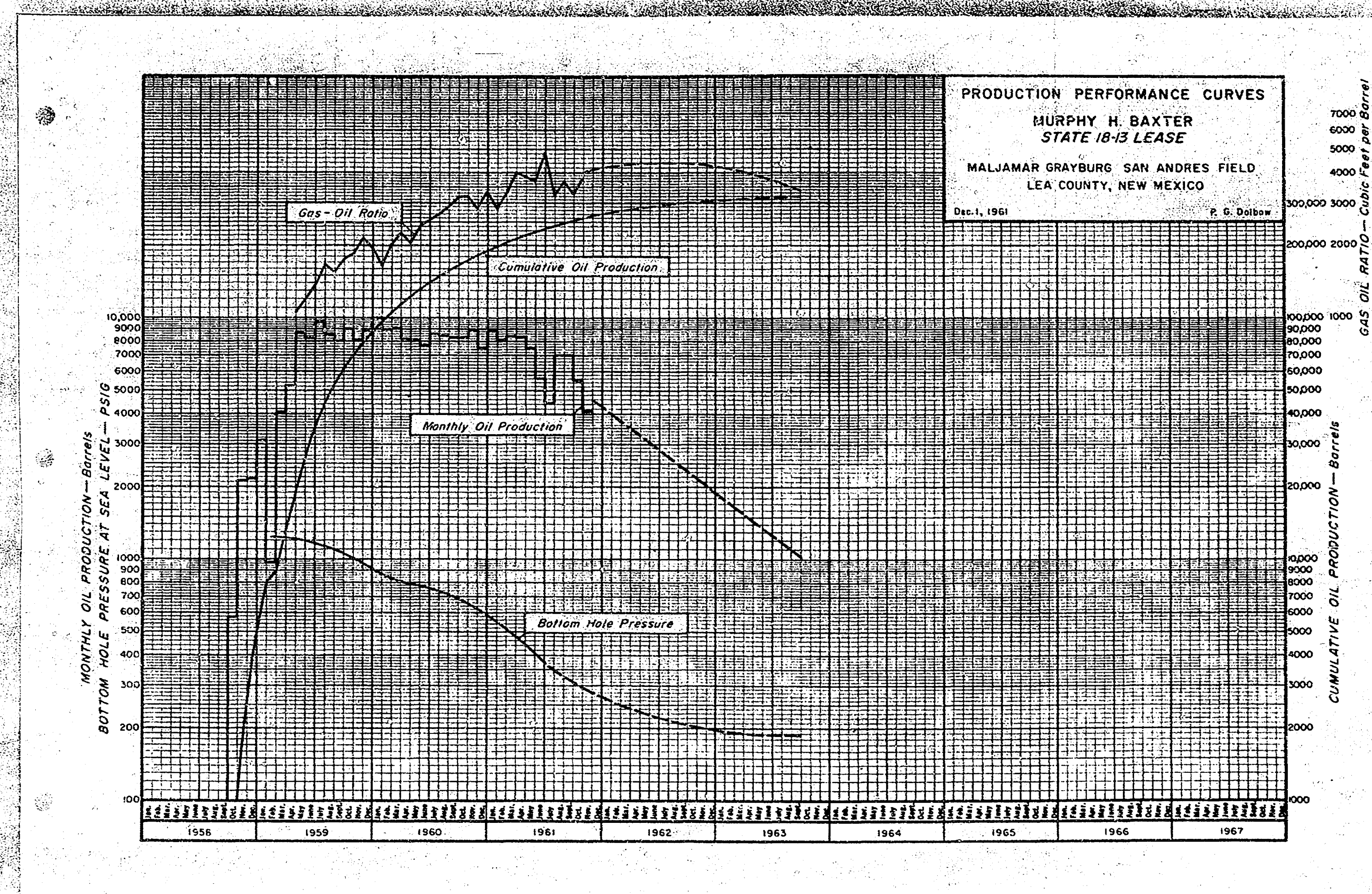


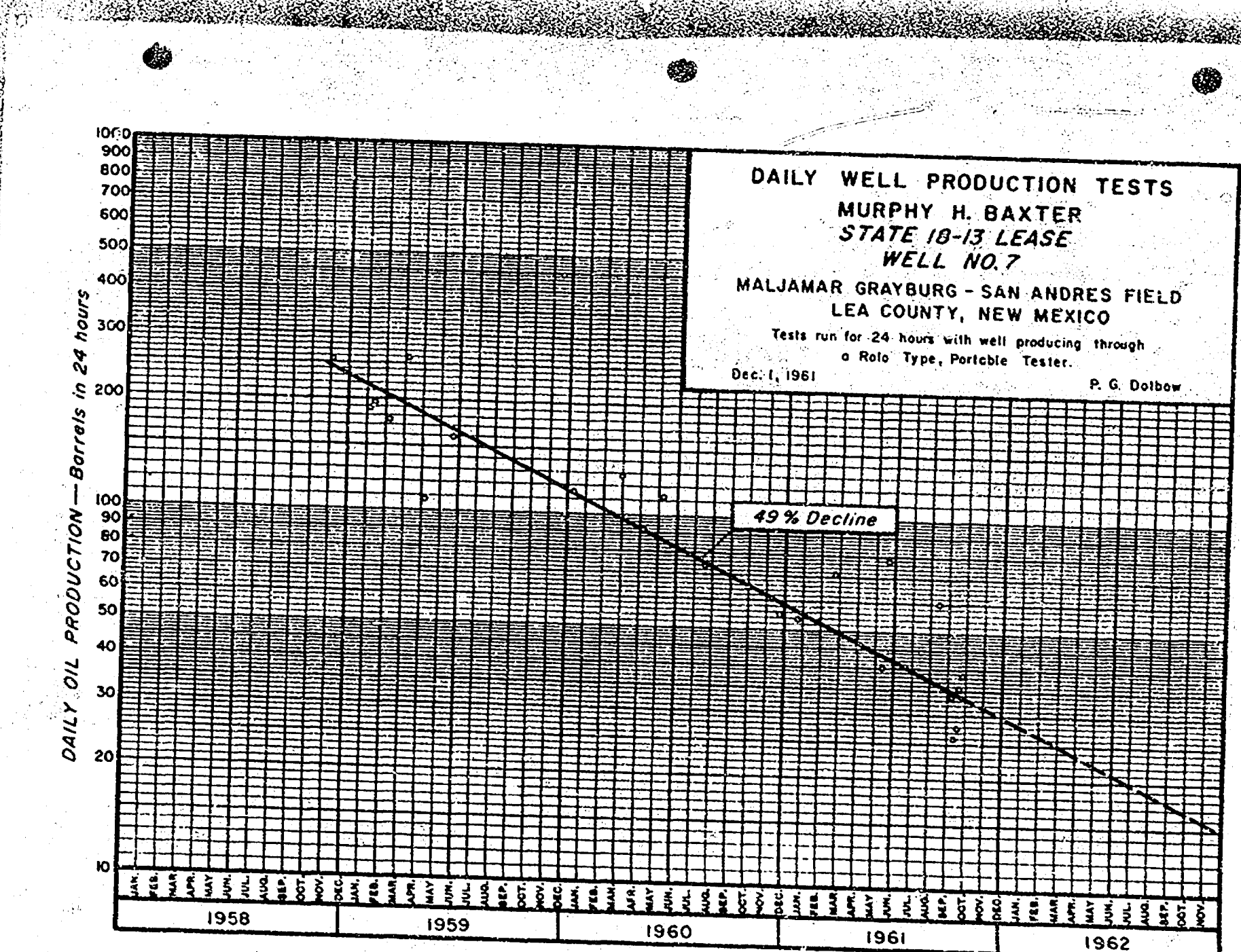
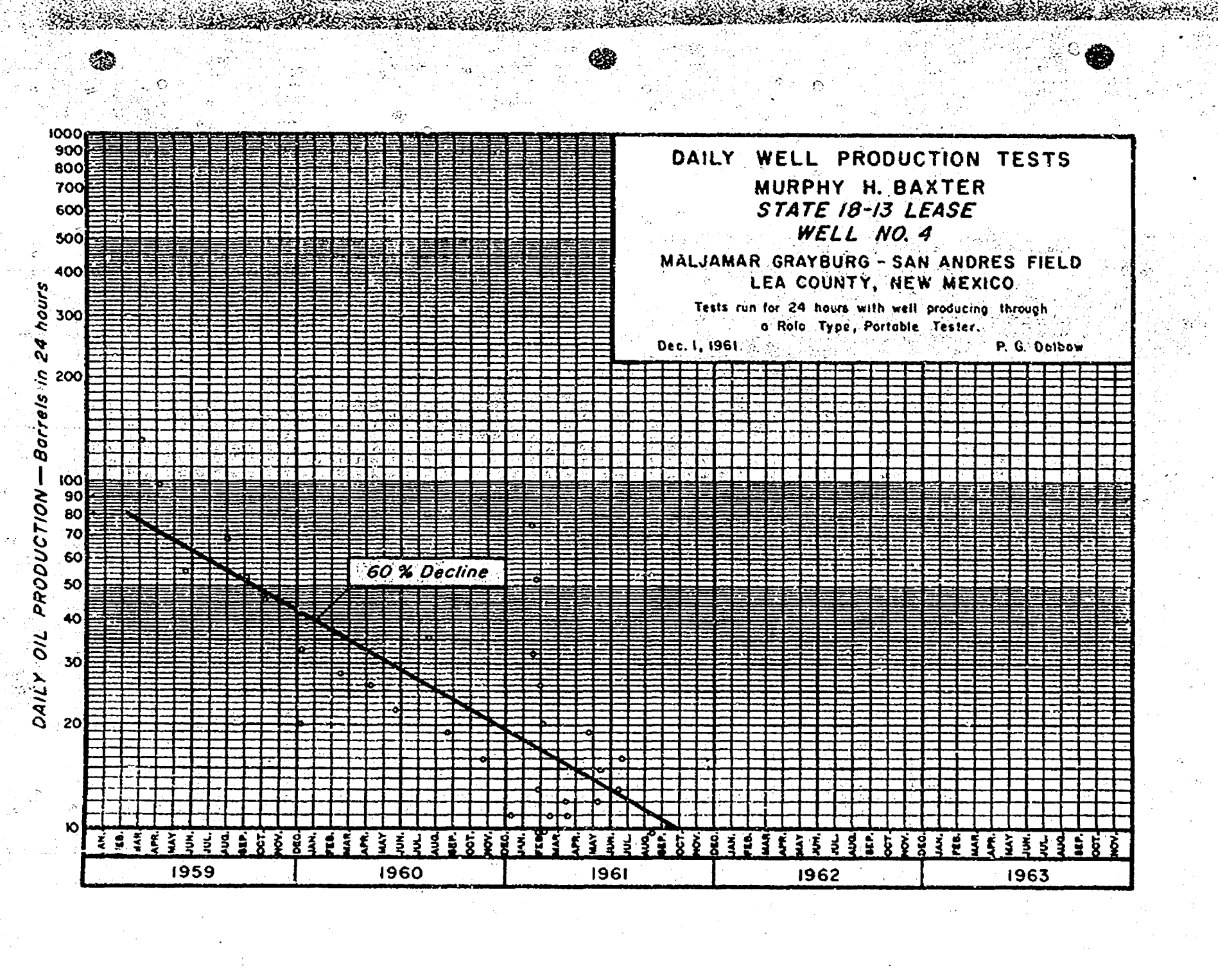
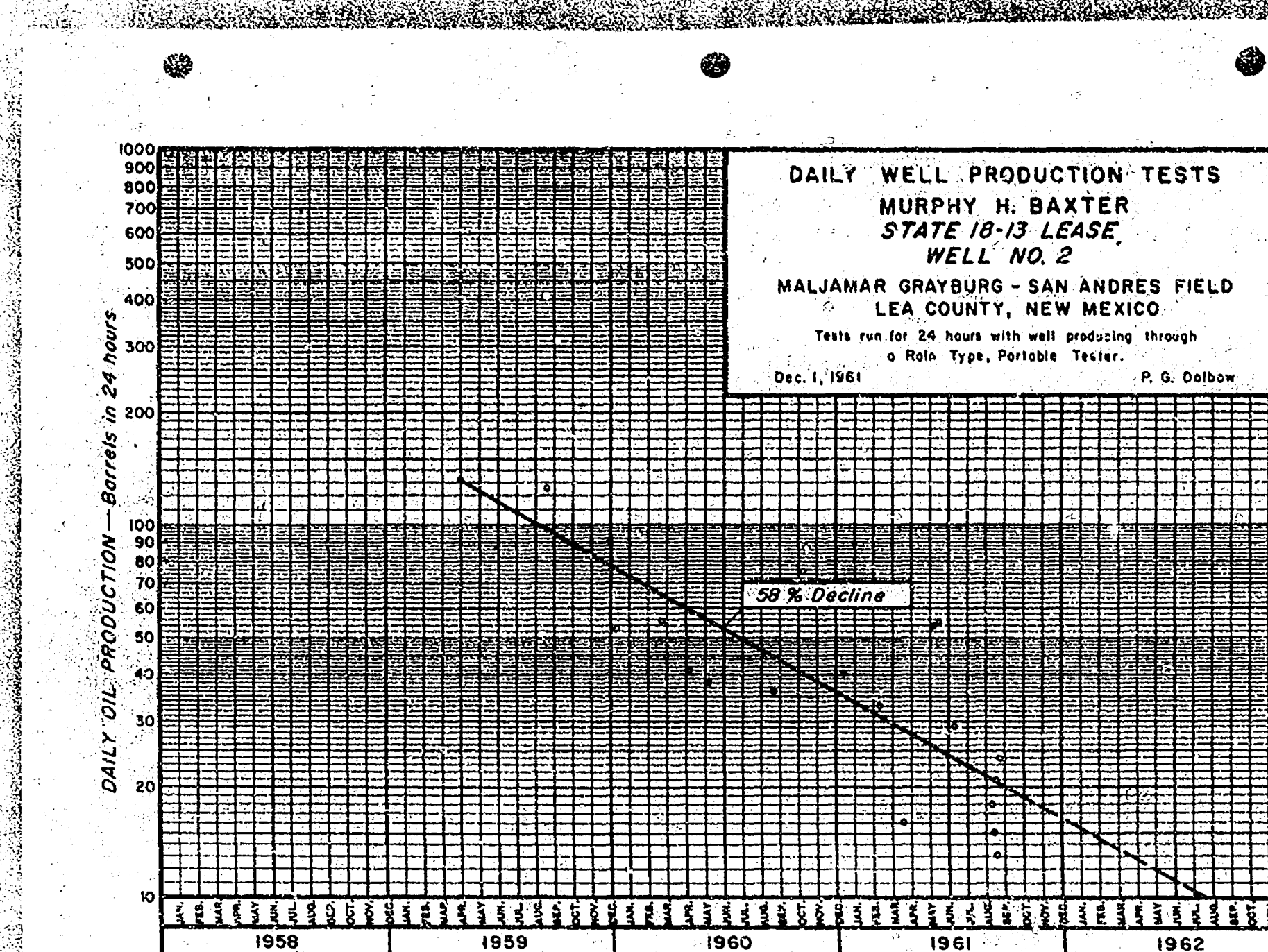
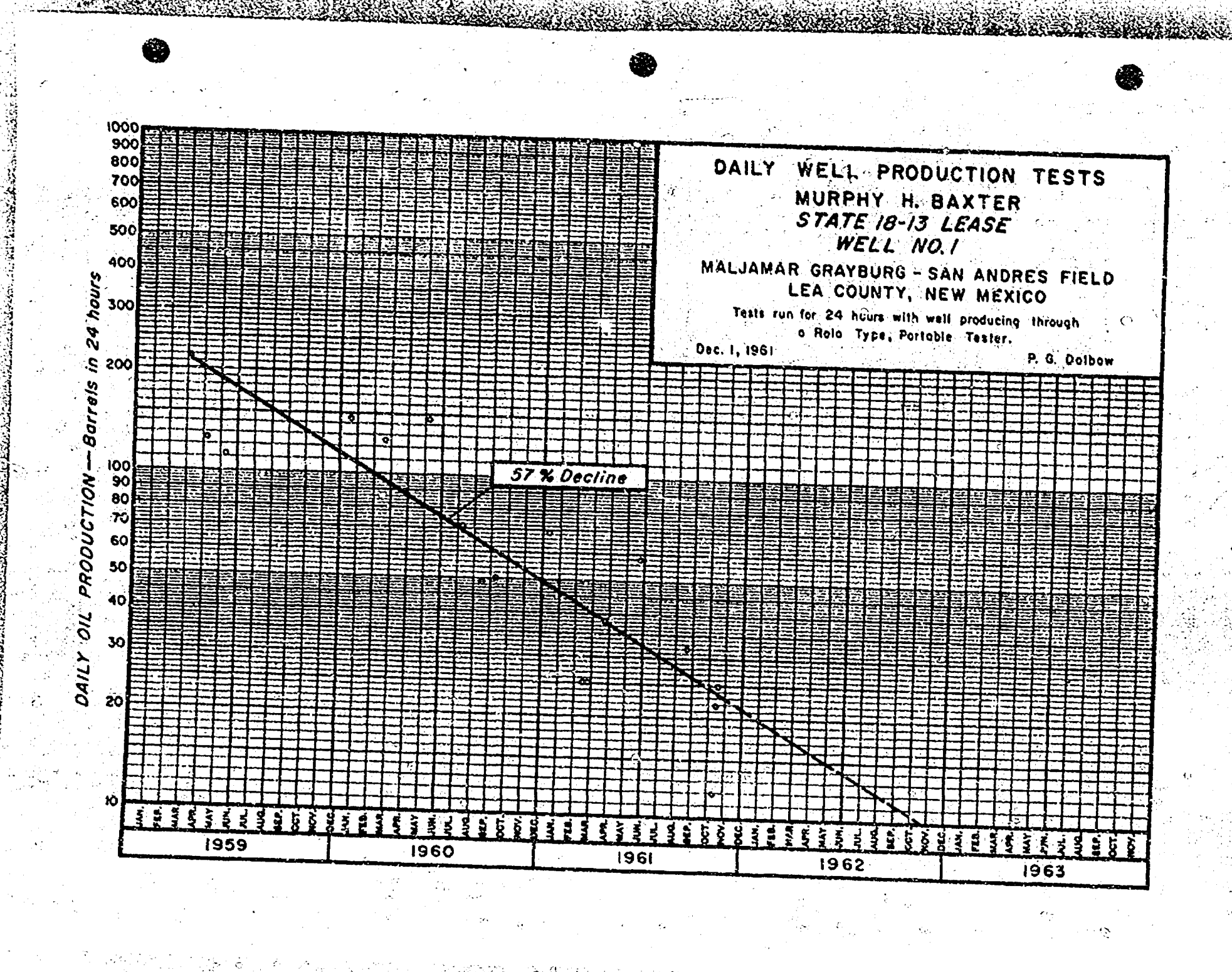
WELL COMPLETION DATA SHEET												
MURPHY N. BAYNE WATERFLOOD PROJECT												
MILANIAN CANYON-SAN JUAN FIELD												
LEA COUNTY, NEW MEXICO												
WELL NUMBER	UNIT NUMBER	COMPLETION DATE	TOTAL DEPTH	8-5/8" SURFACE Casing Set FT. KDB	5-1/2" OIL Casing Set FT. KDB	COMPLETION INTERVALS TOP OF PERFORATIONS	BOTTOM OF PERFORATIONS	30 DAY TOP ALLOWABLE BOTH	PRESENT ALLOWABLE BOTH	SEPTEMBER PRODUCTION BOTH	NOVEMBER PRODUCTION BOTH	REMARKS
STATE 17 LEASE												
1	A	1/6/58	4474	314	4470	4258	4355	1020	180	130	130	
2	B	8/3/57	4418	297	4415	4228	4355	1020	150	180	180	
3	C	10/2/57	4485	300	4485	4218	4380	1020	240	196	196	
4	D	11/13/57	4413	325	4411	4186	4362	1020	150	115	115	
5	E	2/9/58	4473	321	4472	4184	4358	1020	260	230	230	
6	F	12/2/57	4438	322	4437	4209	4395	1020	260	215	215	
7	G	9/27/57	4435	323	4434	4244	4396	1020	270	210	210	
8	H	12/28/57	4450	324	4449	4245	4408	1020	260	240	240	
STATE 18-B LEASE												
1	A	12/13/57	4386	336	4374	4154	4319	1020	340	330	330	
2	B	8/21/58	4391	293	4393	4218	4350	1020	480	330	360	
3	E	7/13/58	4400	317	4386	4222	4360	1020	340	470	490	
4	F	8/16/58	4439	325	4428	4200	4385	1020	780	380	390	
5	G	8/27/58	4389	319	4390	4194	4358	1020	1020	280	280	
6	J	12/11/58	4373	316	4373	4193	4340	1020	840	247	247	
7	O	11/22/58	4382	288	4372	4194	4340	1020	430	360	380	
8	B	11/4/58	4344	329	4344	4148	4322	1020	630	330	341	
STATE 18-12 LEASE												
1	K	3/23/59	4561	318	4559	4203	4444	1020	1020	880	450	
2	L	4/12/59	4479	201	4477	4129	4380	1080	1080	880	500	
3	I	4/27/59	4418	171	4415	4068	4229	1020	1020	880	400	
4	J	3/ 3/59	4432	207	4430	4029	4334	1020	1020	880	300	
5	O	5/13/59	4332	203	4349	4063	4229	1020	1020	880	422	
6	F	2/13/59	4470	200	4469	4017	4334	1020	1020	1000	750	
7	M	10/15/59	4515	331	4512	4126	4322	1020	1020	880	422	
8	H	9/23/58	4525	323	4524	4092	4414	1080	1080	1000	730	
								8280	8280	7027	4122	











INJECTION WELL NO.	ELEV. FEET	TOTAL DEPTH	COMPLETION INTERVALS	SURFACE CASING SIZE DEPTH CAS. CEMENT	PRODUCTION CASING SIZE DEPTH CAS. CEMENT	BIT SIZE
2	4222'	4591'	4218 - 31 4270 - 79 4300 - 18 4344 - 66 4441 - 60 4534 - 50	8-5/8" 293' 200 & Ckt.	5 1/2" 4593' 270'	7-13/16"
4	4220'	4639'	4200 - 16 4266 - 76 4308 - 18 4336 - 63 4360 - 76 4402 - 50 4572 - 85	8-5/8" 325' 250 & Ckt.	5 1/2" 4628' 260'	7-7/8"
6	4220'	4573'	4193 - 207 4265 - 87 4305 - 11 4322 - 41 4447 - 55 4530 - 40	9-5/8" 316' 150 & Ckt.	5 1/2" 4573' 260'	7-7/8"
8	4226'	4544'	4148 - 60 4180 - 98 4238 - 48 4254 - 68 4280 - 65 4299 - 320 4508 - 22	8-5/8" 329' 150 & Ckt.	5 1/2" 4544' 260'	7-7/8"

